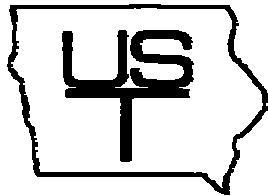




**IOWA DEPARTMENT OF NATURAL RESOURCES  
UNDERGROUND STORAGE TANK SECTION**

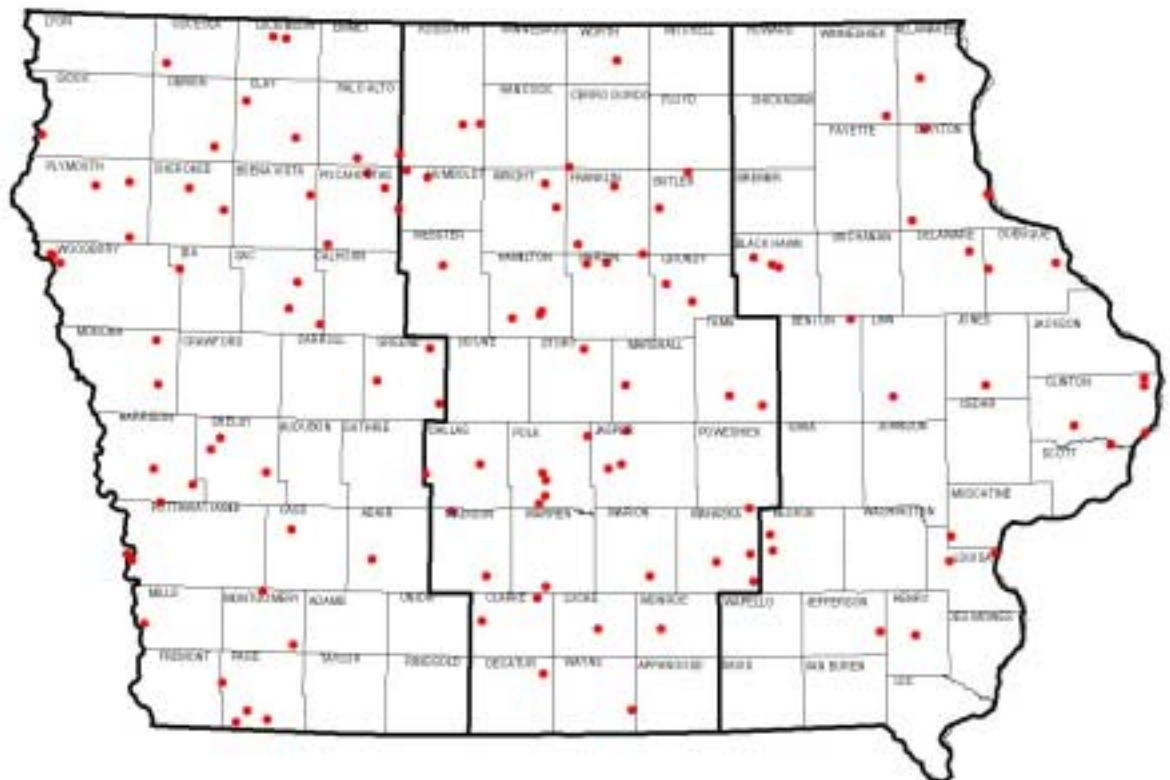


**AND**

**IOWA UNDERGROUND STORAGE TANK  
FINANCIAL RESPONSIBILITY PROGRAM**

***PRESENT***

***THE STATE OF IOWA CLOSURE CONTRACT PROJECT  
ANNUAL PROGRESS REPORT  
DECEMBER 31, 2002***



**Map Showing State of Iowa Closure Contract Project Sites**

## ACKNOWLEDGEMENTS

The 2002 State of Iowa Closure Contract Project, Annual Progress Report was a cooperative effort by Karen Anderson of the Iowa Department of Natural Resources and James Gastineau of the Iowa Underground Storage Tank Financial Responsibility Program. They would like to extend their appreciation to the following persons for their assistance in the completion of this report.

Jim Humeston, Supervisor, Iowa Department of Natural Resources

Sherry Blaisdell, Iowa Department of Natural Resources

Scott Behrends, GeoSource, Inc.

Tom Chap, Geotek Engineering Testing Services, Inc.

Gail George, Iowa Department of Natural Resources

Steve Kobberdahl, Heartland Environmental Services, Inc.

Alesia Whitney-Knight, Iowa Department of Natural Resources

**STATE OF IOWA CLOSURE CONTRACT PROJECT**  
**ANNUAL PROGRESS REPORT**  
*December 31, 2002*  
*Overview*

The State of Iowa Closure Contract Project (Project) began on June 6, 1997. The Project was created through an agreement pursuant to the Iowa Code, chapter 28E and Iowa Code section 455G.6(15). The agreement is between two state entities: the Iowa Department of Natural Resources (DNR) and the Iowa Comprehensive Petroleum Underground Storage Tank Fund Board (Board).

**Purpose**

The purpose of the Project is to provide state assistance to owners who cannot afford the cost of required underground storage tank (UST) closure and any subsequent leaking underground storage tank (LUST) activities such as Tier 1 and Tier 2 Risk-Based Corrective Action (RBCA) assessment. The Project also includes sites in which owners are recalcitrant in meeting these same environmental requirements. As the Project evolved, other types of sites were included such as LUST sites classified State Remedial Fund eligible and Innocent Land Owner Fund eligible.

**Funding Source**

The funding source for the Project is the Underground Storage Tank Unassigned Revenue Account. The UST Unassigned Revenue Account was established in Iowa Code 455G.8 and Iowa Code 423.24 subsection 1, paragraph "a". Funds are allocated for use in the contract by the Board based on recommendations from the Fund Administrator. The original allocation in 1997 was \$500,000. The current allocation, as approved by the Board in December 2002, is \$2.8 million.

**Responsibilities**

The Board conducts the administrative and financial duties of the Project. These responsibilities are to: 1) provide funds to be used exclusively for underground storage tank closures, Tier 1 and Tier 2 RBCA investigations, and corrective action addressing emergency situations, all related to sites where DNR has determined corrective action is needed and either there is no responsible party able to pay for such corrective action or the responsible party is recalcitrant in undertaking such corrective action; 2) advertise and contract with consultants to perform corrective action; 3) approve underground storage tank sites for the Project and scope of work for funding; 4) approve budgets for funding and; 5) pursue cost recovery for funds expended in situations where the Board deems that cost recovery is appropriate.

The DNR conducts the technical review of the UST closures and LUST Tier 1 and Tier 2 evaluations. Other responsibilities of the DNR include: 1) providing the Board with a request for proposal (RFP) to be used in the public bidding process used to retain consultants; 2) providing the criteria for evaluating proposals made in response to the RFP; 3) assisting the Board in selecting consultants; 4) administering the Board's consultant contracts; 5) selecting UST sites appropriate for funding; 6) using its authority to gain access to underground storage tank sites where assessment and corrective action is to be undertaken.

## **Areas of the State and Contractors**

In order to carry out the responsibilities of the Project, the state was divided into three areas: the western portion of the state which is comprised of DNR Field Offices 3 and 4, the central portion of the state which is comprised of DNR Field Offices 2 and 5 and the eastern portion of the state which is comprised of DNR Field Offices 1 and 6. (Please refer to Figure 1).

Individual contracting firms or “contractors” were selected to conduct the technical responsibilities for each portion of the state.

The contractor selected for the western portion of the state is **Geotek Engineering and Testing Services, Inc.** which is located at 909 East 50<sup>th</sup> Street North, Sioux Falls, South Dakota 57104. The Geotek contract with the Board is managed by **Tom J. Chap** who is the senior project manager of the firm.

The contractor selected for the central portion of the state is **Heartland Environmental Services, Inc.** which is located at 10050 NW Lake Drive, Polk City, Iowa 50226. The Heartland contract with the Board is managed by **Steven M. Kobberdahl** who is the president/geologist of the firm.

The contractor selected for the eastern portion of the state is **GeoSource, Inc.** which is located at 109 West First Street, PO Box 347, Monticello, Iowa 52310. The GeoSource contract with the Board is managed by **Scott A. Behrends** who is the president of the firm.

The state contracts with the above-referenced consulting firms will expire on December 31, 2003. Three new consulting firms will be selected in 2003 through a bidding process to conduct the work in the Project for the year 2004.

## **Ability to Pay**

The determination of a responsible party’s ability to pay for tank closure and Tier 1 and Tier 2 assessments is a key element in the Project process. The DNR has the responsibility of conducting ability to pay determinations that are used in the selection of sites to be included in the Project. In many cases, UST and LUST sites are added to the Project after an ability to pay determination has been made and it has been determined that the responsible party is **unable to pay**. If the responsible party is determined able to pay, appropriate measures are taken to achieve environmental compliance through the cooperation of the responsible party.

The DNR uses EPA computerized models as tools to make a determination of a responsible party’s ability to pay. **INDIPAY** is the computerized model used to determine an individual’s financial ability to pay. **ABEL** is a computerized model used to determine a corporation or firm’s ability to pay and **MUNIPAY** is a model used to analyze a municipality’s ability to pay. **INDIPAY** and **ABEL** are the models which have been used most frequently in the Project process.

## **Access Agreements**

In order for the contractor to gain access to the property to begin work, a property right-of-entry agreement or “*access agreement*” must be signed and obtained from the property owner and the contractor. The DNR has the responsibility of initiating the access agreement document and tracking the progress of the signing of the document by both the owner and the contractor.

## **Classification of Sites and Corrective Action Design Reports**

Underground storage tank closure sites in the Project may achieve a “no further action” status. However, if action levels are exceeded as a result of tank closure, a RBCA assessment must be conducted. As a result of RBCA assessment, sites may be classified as “low risk”, “high risk”, or “no action required”.

Low risk sites are required to conduct site monitoring annually. The cost of low risk monitoring is not covered under the terms of the Project agreement. High risk sites are required to produce a Corrective Action Design Report (CADR). The funding for CADRs is included in the 28E Agreement for The State of Iowa Closure Contract Project but as of December 31, 2002, no CADRs have been funded.

## **Cost Recovery**

Cost recovery of funds expended through the Project is the responsibility of the Board. Cost recovery is achieved through the placement of liens on the property of sites included in the Project. The decision to place a lien on a property is determined by the Board and is based on the following criteria: the financial ability of the responsible party, whether the current property owner is considered a responsible party, the value of the property in relation to the money expended, and the degree of cooperation by the responsible party in completing the project.

# STATE OF IOWA CLOSURE CONTRACT PROJECT

## ANNUAL PROGRESS REPORT

### *December 31, 2002*

### *Statistics*

#### Western Contract - Geotek Engineering and Testing Services, Inc.

During the calendar year 2002, six new sites were added to the western contract. Following is a listing of those sites including the status of the owner and the environmental obligation that needs to be accomplished.

<i>Reg No</i>	<i>LUST No</i>	<i>Facility Name</i>	<i>Tank Address</i>	<i>Tank City</i>	<i>Reason</i>	<i>Status of Owner</i>	<i>Date Entered Contract</i>
198605836		GARY SCHROEDER	40 RAILWAY STREET	EARLING	Closure	UNABLE TO PAY	04/04/2002
198915770		JAMES CLARK TRUCKING CO	311 E 10TH STREET	LOGAN	Closure	UNABLE TO PAY	04/04/2002
198601966	9LTB24	COUNTRY JUNCTION	33617 ROAD L34	NEOLA	Tier 1	UNABLE TO PAY	01/31/2002
198914438		FOOD BANK OF SIOUXLAND, INC.	1313 ELEVENTH	SIOUX CITY	Tank Closure	UNKNOWN	01/02/2002
199017178	8LTM18	MEIER CONOCO	1401 PIERCE STREET	SIOUX CITY	Tier 1	UNKNOWN	01/02/2002
198916086	8LTT18	VICKS CORNER	HWY 9 & 86	SPIRIT LAKE	Tier 1	UNABLE TO PAY	01/31/2002

As of December 31, 2002, a total of **48** sites were included in the western Iowa contract managed by Geotek Engineering and Testing Services, Inc. (Geotek). There are a total of 125 sites in The State of Iowa Closure Contract Project and the sites in the western contract represent 38 percent of the total (please refer to Figure 5). For a complete listing of the sites in the western contract, please refer to Figure 2.

#### Access Agreements

During the calendar year 2002, six access agreements were mailed to property owners and six signed access agreements were received from property owners. As of December 31, 2002, access agreements had been signed by property owners on 47 of the 48 sites. Signed access agreements have been received on 98 percent of the sites in the western contract.

#### Tank Removal

As of December 31, 2002, a total number of 29 sites experienced tank removal resulting in a total number of **97 tanks being removed** in this contract. This is an average of 3.3 tanks removed per site. (Please refer to Figure 8.)

### Classification of Sites

Following is a summary of the 48 sites in the western contract and their current classification: **LUST High Risk: 13; LUST Low Risk: 2; LUST No Action Required: 15; LUST Not Classified: 10; Tank Closure No Action Required: 7; Tank Closure Not Classified: 1.** (Please refer to Figure 2.)

### No Action Required

“No Action Required” status was achieved on **five** sites in the western contract during the calendar year 2002. Of these five sites, three sites achieved “no action required” status through tank closure, one site achieved “no action required” status through Tier 1 completion and one site achieved “no action required” status through Tier 2 completion.

As of December 31, 2002, a total of **22** sites achieved a “no action required” status of the 48 sites in the western contract. Seven sites achieved “no action required” status through tank closure completion, eight sites achieved “no action required” status through Tier 1 completion, and seven sites achieved “no action required” status through Tier 2 completion. **Forty-six** percent of the sites in the western contract have achieved “no action required” status. (Please refer to Figure 2.)

### Financial

The total cost of tank removal in the western contract was **\$393,030** at an average cost of **\$4,052** per tank. (Please refer to Figure 9.)

The total number of sites in the western contract billed for RBCA activities was 45. The total amount billed for RBCA activities was **\$658,473** at an average cost per site of **\$14,633**.

There was a total number of 47 sites billed for either tank removal and/or RBCA activities in the western contract. The total amount billed on all sites in the western contract was **\$1,051,503**. The average cost spent per site in the western contract was **\$22,372**. Of the total amount spent statewide in the State Lead Project, **41%** was spent on sites in the western contract managed by Geotek. (Please refer to Figure 7).

### **Central Contract - Heartland Environmental Services, Inc.**

During the calendar year 2002, **three** new sites were added to the central contract. Following is a listing of those sites including the status of the owner and the environmental obligation that needs to be accomplished.

<i>Reg No</i>	<i>LUST No</i>	<i>Facility Name</i>	<i>Tank Address</i>	<i>Tank City</i>	<i>Reason</i>	<i>Status of Owner</i>	<i>Date Entered Contract</i>
198601081	8LTE90	HOWARDS AMOCO	1001 PARROTT	APLINGTON	Tank Closure	UNABLE TO PAY	09/05/2002
198912918	8LTO02	NORTHGATE D-X	HIGHWAY 69 NORTH	JEWELL	Tier 1	UNABLE TO PAY	03/07/2002
198916626	8LTC62	MAC'S TEXACO SERVICE	101 WEST 13TH ST	TAMA	Tank Closure	RECALCITRANT	11/19/2002

The following is a listing of the sites that were removed from the Central contract in the year 2002. The Steven C. Moriarty and the Market of Clear Lake sites were both removed because it was determined that they were State Remedial Fund eligible sites. The Former Country Mart Conoco site was removed because it was determined that it was eligible for the State Innocent Landowner Fund. It was decided that the Howards Amoco site was not an eligible site for the State of Iowa Closure Contract Project and the owner would be responsible for the cost of tank closure.

<i>Reg No</i>	<i>LUST No</i>	<i>Facility Name</i>	<i>Tank Address</i>	<i>Tank City</i>	<i>Reason</i>	<i>Status of Owner</i>	<i>Date Removed</i>
199117275	9LTG13	STEVEN C MORIARTY	SOUTH LIBERTY STREET	CINCINNATI	Closure, T2	UNABLE TO PAY	11/26/2002
198912825	9LTB07	FORMER COUNTRY MART CONOCO	ROUTE #1, HWY 69	KLEMME	RBCA	UNABLE TO PAY	05/22/2002
199016874	7LTJ66	THE MARKET OF CLEAR LAKE	SOUTH SHORE DRIVE	CLEAR LAKE	RBCA/Drinking Water Well	STATE FUND ELIGIBLE	12/06/2002
198601081	8LTE90	HOWARDS AMOCO	1001 PARROTT	APLINGTON	Tank Closure	UNABLE TO PAY	10/28/2002

As of December 31, 2002, a total of **50** sites were included in the central Iowa contract managed by Heartland Environmental Services, Inc. (Heartland). There are a total of 125 sites in the Project and the sites in the central contract represent 40 percent of the total (please refer to Figure 5). For a complete listing of the sites in the central contract, please refer to Figure 3.

### **Access Agreements**

During the calendar year 2002, three access agreements were mailed to property owners and three signed access agreements were received from property owners. As of December 31, 2002, access



agreements had been signed by property owners on 49 of the 50 sites in the central contract. Signed access agreements have been received on 98 percent of the sites in the central contract.

### Tank Removal

A total number of 27 sites experienced tank removal resulting in a total number of **88 tanks being removed** under this contract. This is an average of 3.3 tanks removed per site. (Please refer to Figure 8).

### Classification of Sites

Following is a summary of the 50 sites in the central contract and their current classification: **LUST High Risk: 28; LUST Low Risk: 5; LUST No Action Required: 13; LUST Not Classified: 1; and Tank Closure No Action Required: 2; Tank Closure Not Classified: 1.** (Please refer to Figure 3.)

### No Action Required

“No Action Required” status was achieved on **five** sites in the central contract during the calendar year 2002. Of these five sites, one site achieved no action required status through Tier 1 completion and three sites achieved no action required status through Tier 2 completion. One site achieved “No Action Required” status through post RBCA work (overexcavation) by another party.

Through December 31, 2002, a **total of 15** sites achieved a “no action required” status of the 50 sites in the central contract. Two sites achieved no action required status through tank closure completion; four sites achieved no action required status through Tier 1 completion; and seven sites achieved no action required status through Tier 2 completion. One site achieved “no action required” status through post RBCA work (overexcavation) completed by another party. **Thirty** percent of the sites in the central contract have achieved “no action required” status. (Please refer to Figure 3.)

### Financial Statistics

The total cost of tank removal in the central contract was **\$382,466** which resulted in an average cost of **\$4,346** per tank. (Please refer to Figure 9.)

There was a total number of 47 sites billed for RBCA activities in the central contract. The total amount billed for RBCA activities was **\$770,175** at an average cost of **\$16,387** per site.

There was a total number of 48 sites billed for either tank removal and/or RBCA activities in the central contract. The total amount billed on all sites in the central contract was **\$1,152,641**. The average cost spent per site in the central contract was **\$24,013**. Of the total amount spent statewide in the Project, **45%** was spent on sites in the central contract managed by Heartland. (Please refer to Figure 7.)

### Eastern Contract – GeoSource, Inc.

During the calendar year 2002, **one** new site was added to the eastern contract. Following is a listing of the site including the status of the owner and the environmental obligation that needs to be accomplished.

<i>Reg No</i>	<i>LUST No</i>	<i>Facility Name</i>	<i>Tank Address</i>	<i>Tank City</i>	<i>Reason</i>	<i>Status of Owner</i>	<i>Date Entered Contract</i>
198912916	9LTK19	ECONOMY MILL	114 N HIGHWAY 52	GUTTENBERG	Tier 1	RECALCITRANT	03/25/2002

The following is a listing showing **one** site that was removed from the Eastern contract in the year 2002. JMC Texaco was removed because it was acquired by Louisa County through a tax deed sale. As a result, the site became State Remedial Fund eligible.

<i>Reg No</i>	<i>LUST No</i>	<i>Facility Name</i>	<i>Tank Address</i>	<i>Tank City</i>	<i>Reason</i>	<i>Status of Owner</i>	<i>Date Removed</i>
198607914	7LTS57	JMC TEXACO	MAIN ST	OAKVILLE	Closure/RBCA	UNABLE TO PAY	11/22/2002

As of December 31, 2002, a total of **27** sites were included in the eastern Iowa contract managed by GeoSource, Inc. (GeoSource). There are a total of 125 sites in the State of Iowa Closure Contract Project and the sites in the eastern contract represent 22 percent of the total (please refer to Figure 5). For a complete listing of the sites in the eastern contract, please refer to Figure 4.

### Access Agreements

During the calendar year 2002, one access agreement was mailed to a property owner and two signed access agreements were received from property owners. As of December 31, 2002, access agreements had been signed by property owners on 27 of the 27 sites in the eastern contract.

### Tank Removal

A total number of 11 sites experienced tank removal resulting in a total number of **38 tanks being removed** under this contract. This is an average of 3.5 tanks removed per site. (Please refer to Figure 8).

### Classification of Sites

Following is a summary of the 27 sites in the eastern contract and their current classification: **LUST High Risk: 10; LUST Low Risk: 1; LUST No Action Required: 1; LUST Not Classified: 7; Tank Closure No Action Required: 8; Tank Closure Not Classified: 0.** (Please refer to Figure 4.)

### No Action Required

“No Action Required” status has been completed on **one** site in the eastern contract during the calendar year 2002. This site achieved a “no action required” status through tank closure completion.

As of December 31, 2002, a total of **nine** sites achieved a “no action required” status of the 27 sites in the eastern contract. Eight sites achieved no action required status through tank closure completion, one site achieved no action required status through Tier 1 completion. **Thirty-four** percent of the sites in the eastern contract have achieved “no action required” status. (Please refer to Figure 4.)

### Financial

The total cost of tank removal in the eastern contract was **\$190,613** with an average cost of **\$5,016** per tank. (Please refer to Figure 9.)

The total number of sites in the eastern contract billed for RBCA activities was 15. The total amount billed for RBCA activities was **\$183,064** at an average cost per site of **\$12,204**.

The total number of billed sites in the eastern contract was 23. The total amount billed on all sites in the eastern contract was **\$373,677**. The average cost spent per site in the eastern contract was **\$16,247**. Of the total amount spent statewide in the Project, **14%** was spent on sites in the eastern contract managed by GeoSource. (Please refer to Figure 7.)

## **Ability to Pay**

In the year 2002, ability to pay financial documents were mailed to **15** applicants. Final ability to pay determinations were made on **10** responsible parties. Of the 10 ability to pay determinations made, **3** responsible parties were determined **able to pay** and **7** responsible parties were determined **unable to pay**. Of the 7 responsible parties determined unable to pay, **5** sites were added to the Project. Following is a list of ability to pay determinations which were conducted in the calendar year 2002.

<i>Reg No</i>	<i>LUST</i>	<i>Last Name</i>	<i>Facility Name</i>	<i>Tank City</i>	<i>Date ATP Determined</i>	<i>ATP Status</i>
198601966	9LTB24	DARRAH	COUNTRY JUNCTION	NEOLA	01/17/2002	Unable to Pay
198916086	8LTT18	VICK	VICKS CORNER	SPIRIT LAKE	01/30/2002	Unable to Pay
198915770		CLARK	JAMES CLARK TRUCKING CO	LOGAN	02/06/2002	Unable to Pay
198605836		BLUM	GARY SCHROEDER	EARLING	03/11/2002	Unable to Pay
198916306		CRAMER	FORMER NELSON'S GAS STATION	ORIENT	07/17/2002	Unable to Pay
199016861		MCGRAW	FORMER HEIMER TAKE FIVE	WAUKON	07/18/2002	Able to Pay
198601081	8LTE90	FREY	HOWARDS AMOCO	APLINGTON	08/06/2002	Unable to Pay
198811606		THOMAS, JR.	FORMER OLD 6 TRADING POST	COUNCIL BLUFFS	09/13/2002	Able to Pay
198607550	8LTQ15	PETERSON	PETERSON DX	ADAIR	09/18/2002	Unable to Pay
198603187	9LTK48	VALLIER	DALE VALLIER	MISSOURI VALLEY	10/18/2002	Able to Pay

The following is a year-by-year comparison of ability to pay determinations conducted in prior years beginning with the year 1997, the year the Project was initiated. (Please refer to Figure 6 for a visual year-by-year comparison).

<b>ABILITY TO PAY COMPARISONS BY YEAR</b>					
<b><u>1997</u></b> <b><u>Able/Unable</u></b>	<b><u>1998</u></b> <b><u>Able/Unable</u></b>	<b><u>1999</u></b> <b><u>Able/Unable</u></b>	<b><u>2000</u></b> <b><u>Able/Unable</u></b>	<b><u>2001</u></b> <b><u>Able/Unable</u></b>	<b><u>2002</u></b> <b><u>Able/Unable</u></b>
<b>0/5</b>	<b>0/3</b>	<b>0/8</b>	<b>2/16</b>	<b>9/9</b>	<b>3/7</b>
<b>5 Total</b>	<b>3 Total</b>	<b>8 Total</b>	<b>18 Total</b>	<b>18 Total</b>	<b>10 Total</b>

## **Cost Recovery**

As of December 31, 2002, there has been **one** lien placed on property in the Project. The site is Frank's General Store located in Georgetown, identified by registration number 198605831, LUST Number 9LTG57. The total amount of money that was cost recovered is **\$13,300** through a property transfer.

# STATE OF IOWA CLOSURE CONTRACT PROJECT ANNUAL PROGRESS REPORT

*December 31, 2002*

*Statewide Synopsis*

## Statewide Number of Total Sites

As of December 31, 2002, the total number of sites in the Project was as follows: Western contract = **48**; Central contract = **50** and Eastern contract = **27**, for a statewide total of **125 sites**.

## Statewide Number of Access Agreements

The total number of received access agreements signed by property owners was **123** out of 125 total sites. **Ninety-eight** percent of the signed access agreements on the Project have been received statewide.

## Statewide Number of Tanks Removed

The total number of tanks removed in the Project was as follows: Western contract = **97**; Central contract = **88**; and Eastern contract = **38**, for a statewide total of **223 tanks removed**. The total cost for tank removal was **\$966,109**. The total average cost per tank spent on tank removal statewide was **\$4,332**. (Please refer to Figure 8 and Figure 9).

## Statewide Classification

The following is a listing of the total statewide current classification of the 125 sites in the Project.

	<i><b>LUST High Risk</b></i>	<i><b>LUST Low Risk</b></i>	<i><b>LUST No Action Required</b></i>	<i><b>LUST Not Classified</b></i>	<i><b>Tank Closure No Action Required</b></i>	<i><b>Tank Closure Not Classified</b></i>
<i><b>Western</b></i>	<b>13</b>	<b>2</b>	<b>15</b>	<b>10</b>	<b>7</b>	<b>1</b>
<i><b>Central</b></i>	<b>28</b>	<b>5</b>	<b>13</b>	<b>1</b>	<b>2</b>	<b>1</b>
<i><b>Eastern</b></i>	<b><u>10</u></b>	<b><u>1</u></b>	<b><u>1</u></b>	<b><u>7</u></b>	<b><u>8</u></b>	<b><u>0</u></b>
<i><b>Totals:</b></i>	<b>51</b>	<b>8</b>	<b>29</b>	<b>18</b>	<b>17</b>	<b>2</b>

### **Statewide No Action Required Status**

The total number of sites achieving “no action required” (NAR) status as of December 31, 2002 In the Project was as follows: Western contract = **22**; Central contract = **15**; and Eastern contract = **9**, for a statewide total of **46** sites.

Of the 46 sites that achieved this status, **17** sites achieved it through tank closure. **Thirteen** sites reached NAR status through the Tier 1 process and **15** sites reached the same status through Tier 2. **One** site reached NAR status through a post RBCA (overexcavation) conducted by another party. The percentage of the sites on the Project achieving “no action required” status was **37 percent**.

### **Statewide Financial Cost**

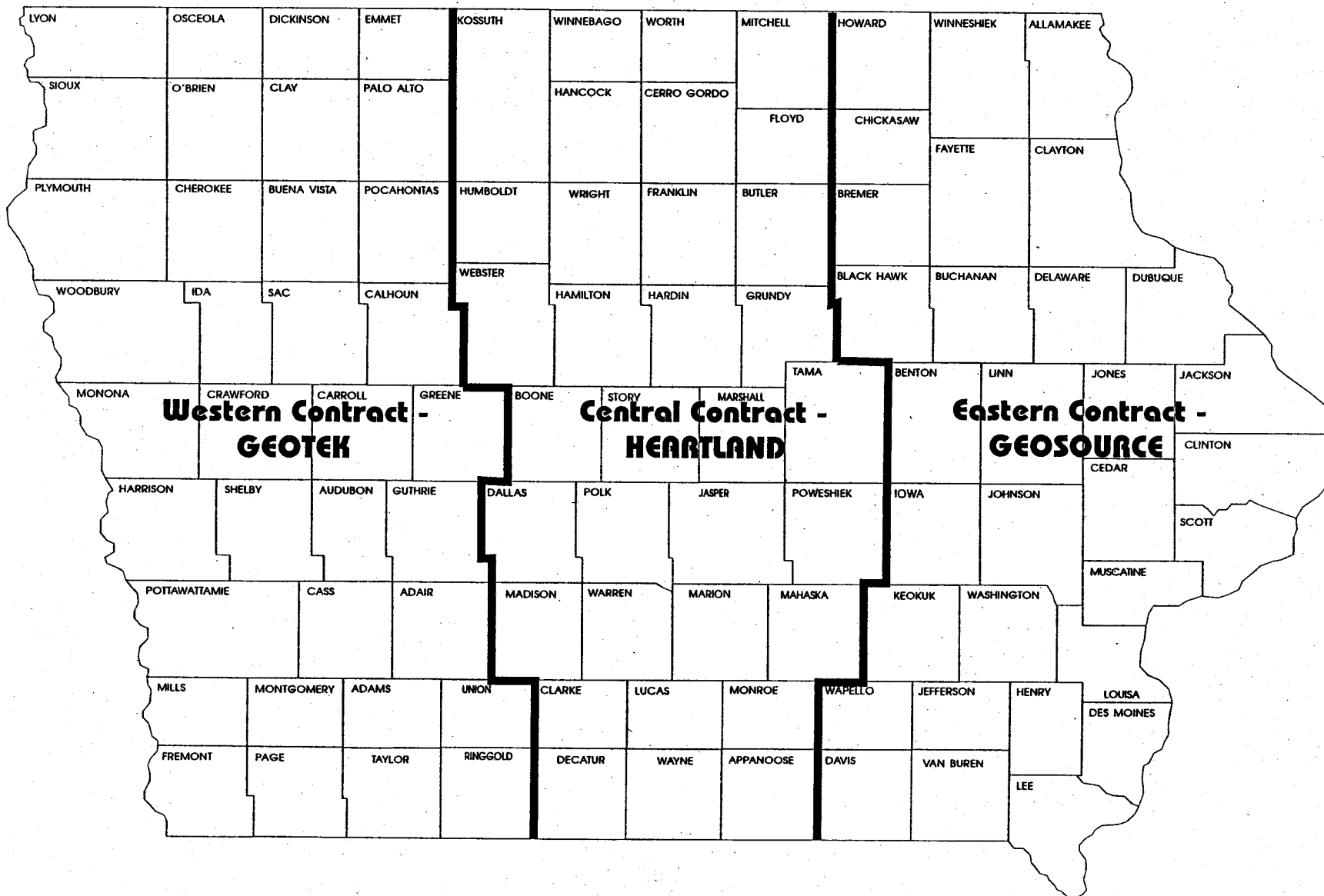
As of December 31, 2002, **118** sites were billed for costs in the Project. The statewide total cost of all sites in the Project was **\$2,577,822**. This resulted in an average statewide cost per site of **\$21,846**.

### **Statewide Achievement**

The Project has been very successful in its goal to return underground storage tank and leaking underground storage tank property to productive status. The Project has provided tank owners with assistance in situations where they were not qualified for inclusion in other state funds and/or they were financially unable to pay for their environmental obligations.

The result is that Iowa’s tank owners have benefited by restoring property to an economically viable status and having the satisfaction of knowing that they have complied with state and federal regulations. More importantly, the citizens of the State of Iowa have inherited an environmentally clean and healthy state in which to live.

# **CONTRACTOR FUND AREAS OF STATE - FIGURE 1**



**WESTERN CONTRACT SITES MANAGED BY GEOTEK ENGINEERING ARRANGED BY TANK CITY  
DECEMBER 31, 2002 - FIGURE 2**

<i>Reg No</i>	<i>LUST No</i>	<i>Facilty Name</i>	<i>Tank Address</i>	<i>Tank City</i>	<i>Current RBCA Classification</i>	<i>No Action Required</i>
198605721	7LTF19	JIMS TIRE & SERVICE	118 MAIN	ALBERT CITY	Not Classified	
198601939	9LTA85	IMHOFF OIL CO	HWY 60	ASHTON	Not Classified	
198605012	9LTG10	LINKS 66	5TH AND WALNUT	ATLANTIC	No Action Required	<b>03/08/1999</b>
198606177	8LTX63	GEIER & SCHULTE STANDARD	HIWAY 71	AUBURN	No Action Required	<b>11/28/2001</b>
198916282	9LTF72	AURELIA VEHICLES	105 E 1ST STREET	AURELIA	No Action Required	<b>04/08/1999</b>
198609941	9LTH13	FORMER SERVICE STATION	105 MAIN STREET	AURELIA	No Action Required	<b>10/13/1999</b>
197900003	7LTX42	FORMER CLAPP'S SERVICE STATION		902 E. LOCUST STREET	CARTER LAKE	Not Classified
198811766	9LTI61	FORMER COIN TIRE AND OIL	12 MAIN ST	COIN	Not Classified	
198606227	9LTG71	COLLEGE SPRINGS OIL CO	600 MISSOURI	COLLEGE SPRINGS	High Risk	
197910067	8LTT84	HI-LO AUTO SALES INC	2934 W BROADWAY	COUNCIL BLUFFS	Not Classified	
198608658	9LTJ56	FORMER GROTH'S PHILLIPS 66	THIRD & VALLEY STREETS	CUSHING	Low Risk	
198607873	9LTJ58	FORMER S & M OIL	404 LINDEN ST	ELLIOTT	Not Classified	
198811574		WALTON SHELLING	503 N RUMSEY	EVERLY		<b>06/15/1999</b>
198607848	9LTK04	SMITHS SERVICE	106 SECOND STREET	FONDA	Not Classified	
198605116	9LTH26	FORMER CHAPMANS AUTO BODY	501 WASHINGTON	FONTANELLE	No Action Required	<b>01/26/2000</b>
198608724	8LTE63	ROY BURGER	RAILWAY STREET NORTH	GILLETT GROVE	Not Classified	
198608140	9LTG04	PAGE OIL CO	HWY 3	GILMORE CITY	No Action Required	<b>04/30/1999</b>
198600933	7LTA62	GAS STATION	HWY 44 AND M56	HARLAN	Not Classified	
198603547	9LTF79	AMOCO SERVICE	10TH ST	HAWARDEN	No Action Required	<b>11/13/1998</b>
198916337	8LTM92	NILLES SERVICE INC	310 E 1ST	KINGSLEY	No Action Required	<b>04/01/1999</b>
198606179	7LTS88	DENNYS TEXACO	HWY 175 & 71	LAKE VIEW	No Action Required	<b>09/06/2001</b>
198603727	8LTH62	PLYMOUTH CO-OP OIL CO	101 FIRST ST NW	LE MARS	High Risk	
198916647	9LTG03	LARSON OIL CORP	510 INMAN AVE	MALLARD	High Risk	
198609757		STANTON STANDARD SERVICE	115 SO 4TH ST	MAPLETON		<b>01/06/1999</b>



<i>Reg No</i>	<i>LUST No</i>	<i>Facility Name</i>	<i>Tank Address</i>	<i>Tank City</i>	<i>Current RBCA Classification</i>	<i>No Action Required</i>
198605174	9LTF73	SECHLERS GARAGE	103 CEDAR	MERIDEN	High Risk	
199217489	8LTT82	BOYLAN SERVICE	107 E BROADWAY	NORTHBORO	No Action Required	<b>10/23/2000</b>
198607647	8LTF75	COUNTRY CORNER	I 29 & HWY 34	PACIFIC JUNCTION	Not Classified	
198603572	9LTI32	FORMER JB GARAGE	109 MAIN	PANAMA	No Action Required	<b>08/17/2001</b>
198810769	9LTG05	HENRY D KELLEY	104 SOUTH MAIN	PATON	High Risk	
198606766	8LTK06	D&D TIRE	104 MAIN STREET	PERSIA	Low Risk	
198600071	7LTS29	JIM'S SERVICE	JACKSON ST	PLOVER	High Risk	
198604020	8LTH59	RITZ SERVICE	14 W 2ND ST	REMSSEN	No Action Required	<b>04/16/2002</b>
198600659	9LTH03	K D STATION	MAIN ST AND HWY 144	RIPPEY	No Action Required	<b>05/17/2001</b>
198710757	8LTY48	ROLFE SERVICE CENTER	503 GARFIELD ST	ROLFE	Not Classified	
198605298	7LTS66	FORMER M&M APCO	1930 W MAIN	SAC CITY	High Risk	
198811196	7LTC65	B & H SERVICE	808 LOCUST	SCRANTON	High Risk	
198608954	7LTY52	FORMER VERMILLION OIL CO	608 W LOWELL	SHENANDOAH	High Risk	
198609448		SORENSEN AMOCO	4523 MORNINGSIDE AVE	SIOUX CITY		<b>10/01/1998</b>
198916538	8LTI41	EHLERS OIL CO	219 HIGHWAY 183	SOLDIER	Not Classified	
198915336	8LTT22	RADTKE D-X	901 18TH ST	SPIRIT LAKE	High Risk	
198916441		CHARLES A ANDERSON	518 EAST FOURTH	SUTHERLAND		<b>10/19/1998</b>
198604698	8LTO19	BECKETT OIL COMPANY	201 S OLD HWY 71	VILLISCA	No Action Required	<b>06/25/2001</b>

**CENTRAL CONTRACT SITES MANAGED BY HEARTLAND ENVIRONMENTAL ARRANGED BY TANK CITY  
DECEMBER 31, 2002 - FIGURE 3**

<i>Reg No</i>	<i>LUST No</i>	<i>Facility Name</i>	<i>Tank Address</i>	<i>Tank City</i>	<i>Current RBCA Classification</i>	<i>No Action Required</i>
198915381	8LTS64	M & N OIL CO	HWY 20 400 SHERMAN	ACKLEY	High Risk	
198606907	9LTI59	FORMER N&N SINCLAIR	920 GRAND AVENUE	ALDEN	High Risk	
198605864	8LTV26	WARDS REPAIR	MARION ST	ATTICA	Not Classified	
198601176	8LTG66	ROBERTSON DX	411 BROADWAY	BARNES CITY	High Risk	
198710490	8LTP77	SAAK OIL	113 MAIN ST	BAXTER	High Risk	
198609766	9LTG19	CAPT DS DRY DOCK	212 RIVER AVE S	BELMOND	High Risk	
198609669	7LTS19	TED'S SERVICE	503 7TH ST	BODE	High Risk	
198915769	9LTG07	CHERS MINI MARKET	121 4TH STREET	CHAPIN	High Risk	
198916616	9LTH18	LOYED'S AUTO REPAIR	740 E COURT	CHARITON	No Action Required	<b>01/11/2002</b>
198810987	9LTC59	CHELSEA MART	2901 HWY E66	CHELSEA	High Risk	
199117275	9LTG13	STEVEN C MORIARTY	SOUTH LIBERTY STREET	CINCINNATI	High Risk	
198609490		JERRYS REPAIR AND SERVICE	119 S MAIN ST	CLARKSVILLE		<b>01/08/1999</b>
199016874	7LTJ66	THE MARKET OF CLEAR LAKE	SOUTH SHORE DRIVE	CLEAR LAKE	High Risk	
198610130	7LTN97	COLFAX APCO	602 W STATE	COLFAX	High Risk	
199417720	9LTG20	FORMER DON SMITH FACILITY	1907 SUGAR GROVE RD	DALLAS CENTER	High Risk	
198605148	8LTV07	2ND AVE 66	5120 NW 2ND AVE	DES MOINES	Low Risk	
199417683	9LTG08	TIRE CITY	1538 SW ARMY POST RD	DES MOINES	No Action Required	<b>06/19/1998</b>
199117379	8LTS03	HALL OIL CO	3390 EAST 14TH STREET	DES MOINES	No Action Required	<b>02/18/1999</b>
198606056	9LTG02	FLAUGHS SERVICE	2933 INDIANOLA RD	DES MOINES	No Action Required	<b>10/02/2000</b>
198608131	8LTQ13	DAVES CONOCO	621 SOUTH ST	DUMONT	High Risk	

<i>Reg No</i>	<i>LUST No</i>	<i>Facility Name</i>	<i>Tank Address</i>	<i>Tank City</i>	<i>Current RBCA Classification</i>	<i>No Action Required</i>
200000022	9LTI74	INMAN OIL COMPANY	135 W. FIRST ST	EARLHAM	Not Classified	
198603995	9LTJ68	CLANTON CREEK QUICK STOP	113 O'DELL	EAST PERU	No Action Required	<b>12/13/2001</b>
198604052	9LTA57	MORELAND GARAGE	13408 NE 111 COURT	FARRAR	Not Classified	
198601557	9LTC03	JIMS DX SERVICE	526 2ND AVE SOUTH	FORT DODGE	No Action Required	<b>10/18/2001</b>
198810824	8LTJ83	D & A STANDARD	MAIN ST	FREMONT	Low Risk	
198607512	9LTI35	GARDEN GROVE STORE	109 E MAIN STREET	GARDEN GROVE	High Risk	
198605831	9LTG57	FRANK GENERAL STORE		GEORGETOWN	No Action Required	<b>09/07/2000</b>
198608682	7LTQ71	TOM'S CAR CARE	1206 G AVENUE	GRUNDY CENTER	High Risk	
199017115	8LTQ46	MEDORA STORE	1093 COR G76-69 HWY	INDIANOLA	Low Risk	
198606916		I W BRAGA & SONS INC	320 OAK STREET	IOWA FALLS		<b>05/05/1998</b>
198603479	8LTP86	DANS 66	601 MAIN STREET	JEWELL	High Risk	
198603591	9LTG06	DONS SERVICE	101 MAPLE ST	KENSETT	High Risk	
198601517	9LTH32	FORMER WOODVINE SERVICE	1072 240TH STREET	LINDEN	Low Risk	
198609418	9LTK00	JD'S MARKET	340 MAIN	MC CALLSBURG	No Action Required	<b>01/07/2002</b>
198609604	8LTT32	M & D SERVICE	411 1ST STREET	MESERVEY	Not Classified	
198606152	8LTM12	BROWNS SERVICE	402 5TH	MURRAY	No Action Required	<b>06/08/2001</b>
198607552	8LTR41	GAS & GO	HWY 6-180	NEWTON	High Risk	
198604066	9LTF87	LIBERTY STORE	1122 HWY 69	OSCEOLA	High Risk	
198608714	8LTF13	MA & PA STORES INC	6TH AVE W & S F	OSKALOOSA	Not Classified	
198913493		WELTER BROTHERS	RTE 1 BOX 37	OTTOSEN		
198710407	9LTI98	K F HOELSCHER	708 1ST STREET	POPEJOY	High Risk	
198912154	9LTJ91	ROSE HILL GENERAL STORE	312 WASHINGTON	ROSE HILL	High Risk	

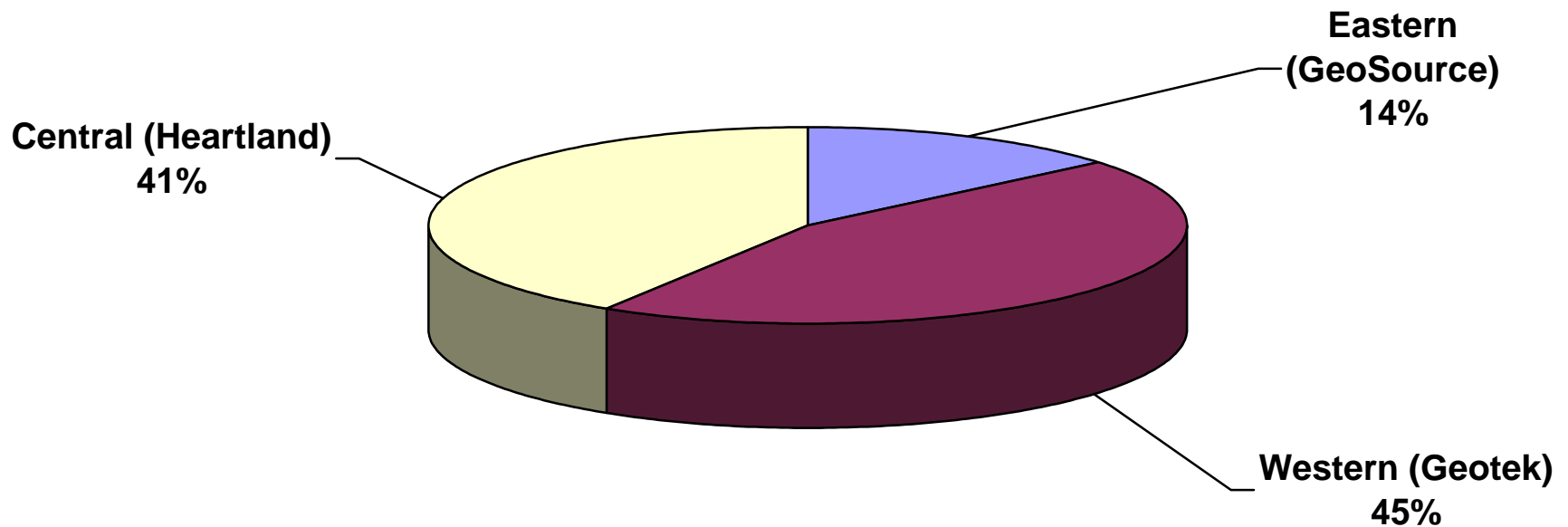
<i><b>Reg No</b></i>	<i><b>LUST No</b></i>	<i><b>Facility Name</b></i>	<i><b>Tank Address</b></i>	<i><b>Tank City</b></i>	<i><b>Current RBCA Classification</b></i>	<i><b>No Action Required</b></i>
198913806	9LTG21	AVERY HEABERLIN		ROWAN	No Action Required	<b>01/22/1999</b>
198608812	9LTH81	JOES PLACE		SEXTON	High Risk	
198607543	9LTG11	JOHNSON OIL CO	303 MAIN	SEYMOUR	Not Classified	
198602085	9LTI64	FORMER HOVE TRUCKLINE	405 PARKER STREET	STANHOPE	High Risk	
200000031		FORMER SERVICE STATION	503 4TH STREET SE	STATE CENTER		
199016806	9LTD17	RMI WELLSBURG	601 S WASHINGTON	WELLSBURG	Not Classified	
198608289	7LTY70	WESLEY STANDARD STATION	201 EAST ST	WESLEY	High Risk	
199016718	8LTW60	TRAUB PRODUCTS (DECEASED)	608 2ND AVE SE (HWY 15	WEST BEND	Not Classified	

**EASTERN CONTRACT SITES MANAGED BY GEOSOURCE ARRANGED BY TANK CITY  
DECEMBER 31, 2002 - FIGURE 4**

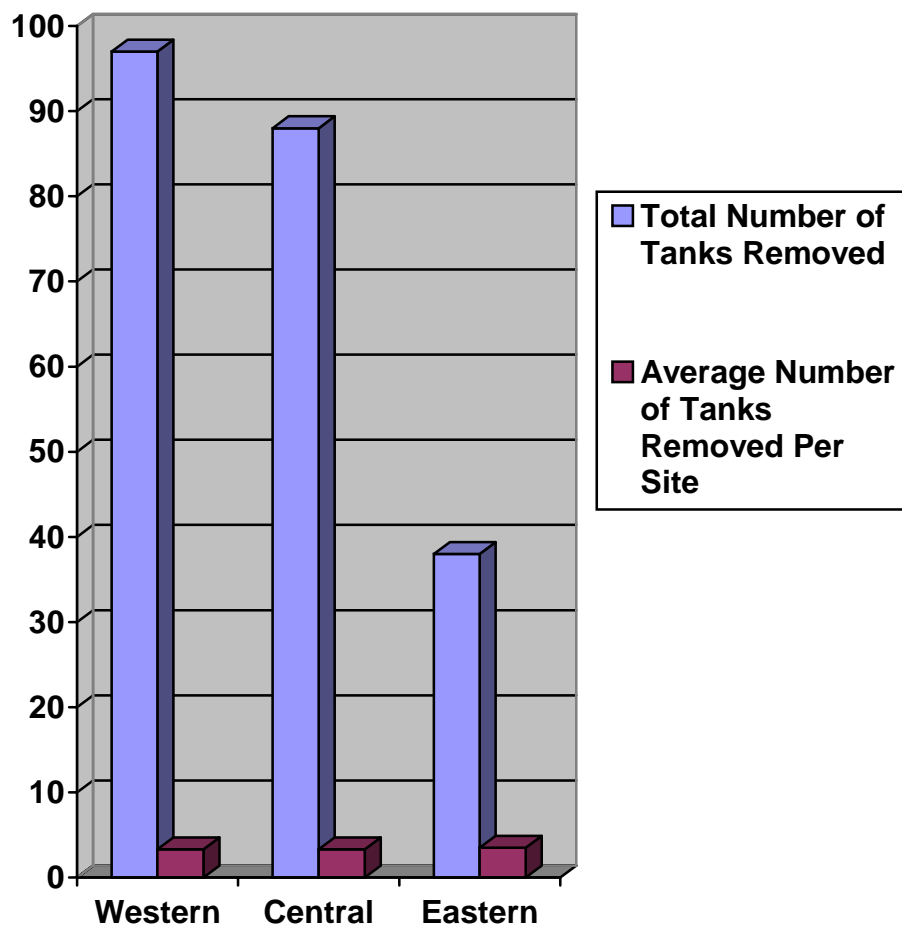
<i>Reg No</i>	<i>LUST No</i>	<i>Facility Name</i>	<i>Tank Address</i>	<i>Tank City</i>	<i>Current RBCA Classification</i>	<i>No Action Required</i>
197910468	9LTJ97	FORMER GAS STATION	4321 MAIN STREET	ANDOVER	Not Classified	
198607470		DAVID KRAMER PROPERTY	417 S WASH BLVD	CAMANCHE		04/07/1999
198710256	8LTM69	CASTALIA OIL CO	MAIN ST	CASTALIA	Not Classified	
198605158		JERRY STEWARD TRUCKING	305 HORTY ST	CEDAR FALLS		02/20/1998
199017185	8LTP15	WAREHOUSE	20 22ND AVENUE SW	CEDAR RAPIDS	No Action Required	01/14/1999
199317592	9LTG49	MORGAN STORAGE	204 WALNUT STREET	COLUMBUS JUNCTION	Not Classified	
198603025	9LTK26	PIPERS	213 TODDS FERRY RD	CONESVILLE	Not Classified	
198810877	8LTW20	CHARLEYS SERVICE STATION	MAIN ST	DELTA	Not Classified	
198600892		FORMER READY MIX OF DUBUQUE	1000 CENTURY CIRCLE	DUBUQUE		11/03/1998
198811505		FORMER BECKETT CHEV-OLDS	1441 2ND AVE SE	DYERSVILLE		09/01/2000
197900025	7LTE20	AL'S CASH VINTAGE AUTO SALES	616 CLINTON STREET	GRAND MOUND	Not Classified	
198609186	9LTG50	NEILS TEXACO	HIWAY 52	GUTTENBERG	Not Classified	
198601629	9LTJ06	B & C SERVICE	206 WEST MAIN	LOCKRIDGE	Not Classified	
199016709		K & C FEEDS	103 TRUMAN	LUANA		12/05/2001
198810991	8LTB08	CORNER MARKET	102 FIRST STREET	MC CAUSLAND	Not Classified	
199317607	9LTG48	FORMER SERVICE STATION	1000 N. BROADWAY	MOUNT PLEASANT	Not Classified	
198811155		ISLAND GROCERY	17298 CO RD X61	MUSCATINE		
198607914	7LTS57	JMC TEXACO	MAIN ST	OAKVILLE	High Risk	
198605207	9LTG51	TANNERS FS		OLIN	Not Classified	
198811178	9LTJ13	MORMANN SERVICE	1636 - 300TH AVENUE	PETERSBURG	High Risk	
198811265		DONALD F. BAUMGARTNER	112 EAST MISSION	STRAWBERRY POINT		11/13/2000
198605433	9LTG26	HUEBNER GARAGE	121 MAIN ST	TEEDS GROVE	High Risk	
198915586	9LTH47	SPENCERS GROVE ANTIQUES	3197 51ST STREET	WALKER	High Risk	
198607597		WALTS DX SERVICE	1530 E 4TH ST	WATERLOO		05/05/1998

<b><i>Reg No</i></b>	<b><i>LUST No</i></b>	<b><i>Facility Name</i></b>	<b><i>Tank Address</i></b>	<b><i>Tank City</i></b>	<b><i>Current RBCA Classification</i></b>	<b><i>No Action Required</i></b>
198606733	8LTK88	GARRISONS USED CAR & TRUCKS	2230 INDEPENDENCE	WATERLOO	High Risk	<b>08/06/2001</b>
198604124	8LTH82	WALKERS 1 STOP	101 W MAIN	WAUKON	Low Risk	
198609694	9LTE43	MELS REPAIR SERVICE	407 S BARNES	WHAT CHEER	Not Classified	

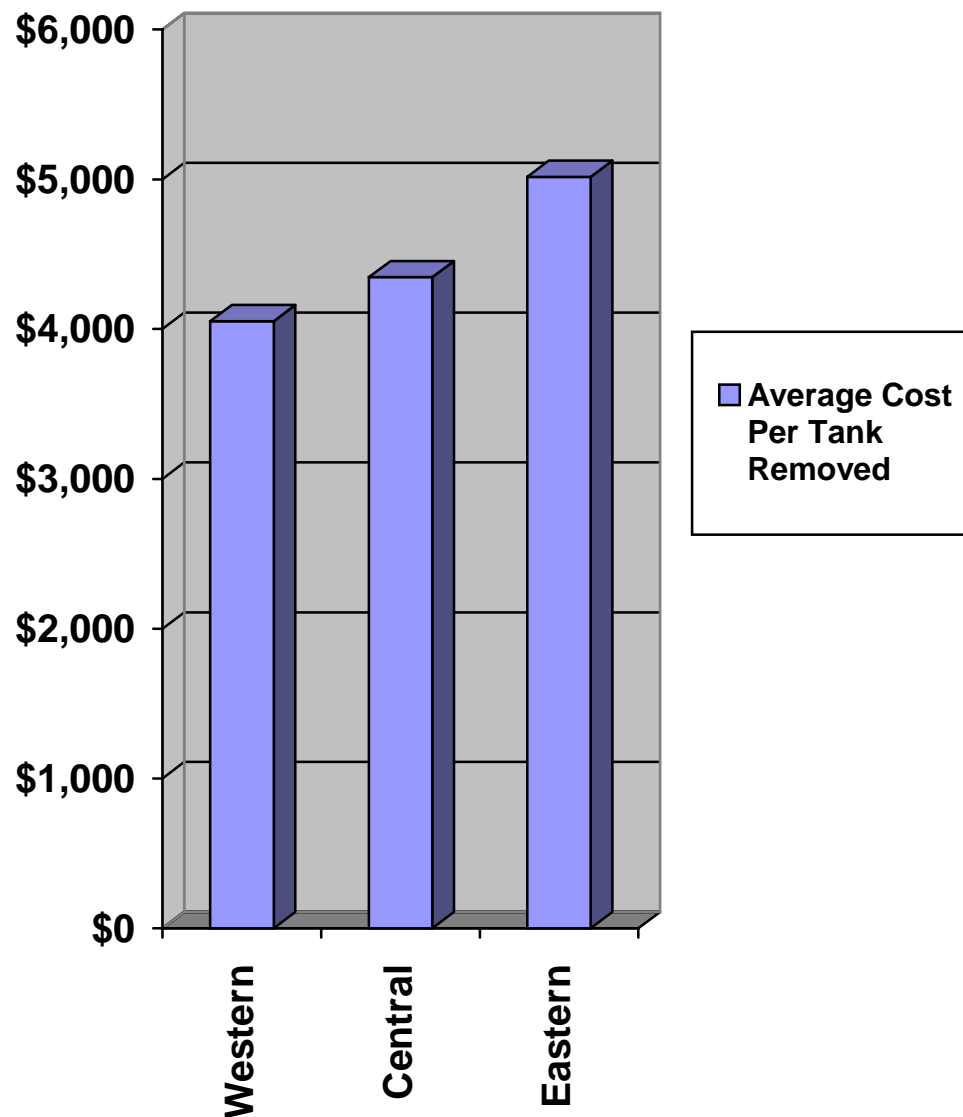
**State of Iowa Closure Contract Project Showing Percentage of  
Money Spent Per Contract Area of the State - Figure 7**



**Total Tanks Removed and Average  
Number of Tanks Removed Per Site  
For Each Contract Area - Figure 8**

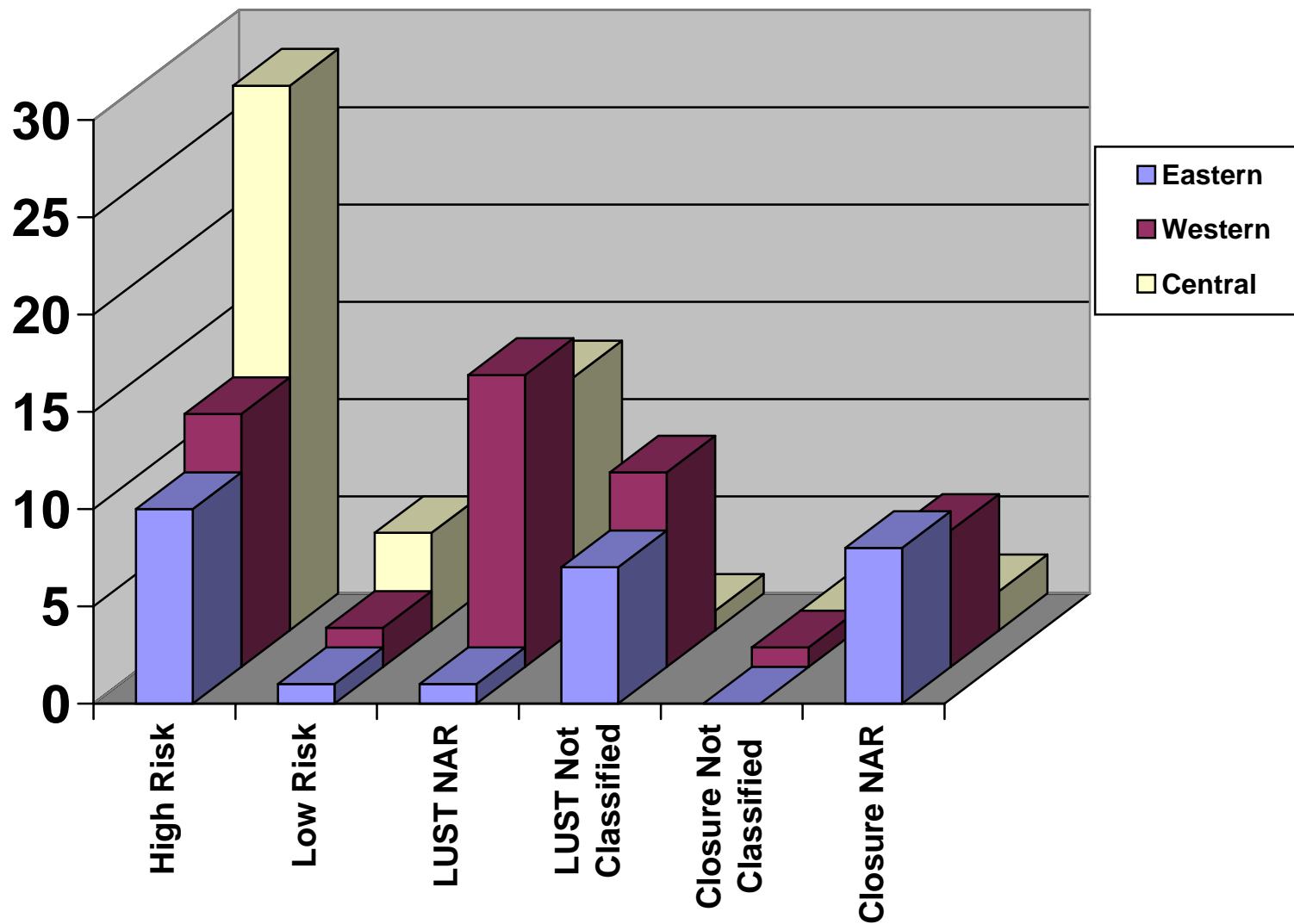


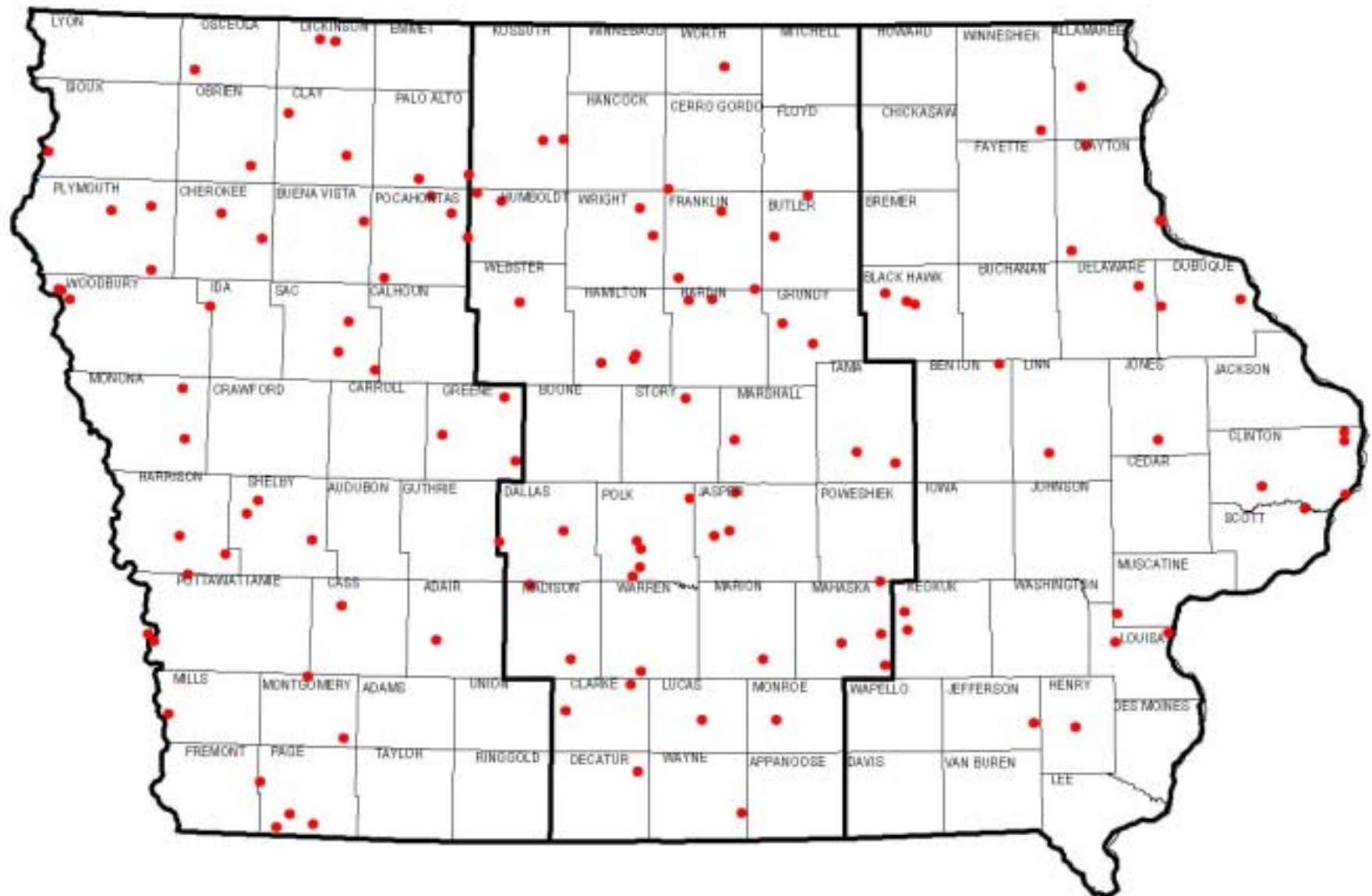
**Average Cost Per Tank Removed in  
Dollars - Figure 9**





**State of Iowa Closure Contract Project  
Classification of Sites -  
Figure 10**





**Map Showing State of Iowa Closure Contract Project Sites**